

REMARKS

Claims 1-22 have been cancelled. Claims 23-31 have been added. Claims 23-31 are pending and under consideration.

As an initial matter, Applicants note with appreciation the Examiner interview conducted on February 3, 2010, as well as the follow-up discussions. By way of review, applicants noted that the bi-directional bus is advantageous over the cited references because real-time engine control is achieved.

New independent claim 23 recites "a bi-directional bus provided between the engine control unit and the microprocessor of the video unit." In contrast, Akiyama (6:52-60) discloses serial signal transmission between the printer controller 26 and the engine control unit 25a. As set forth in the interview, it is noted that this reference does not achieve real-time control.

Gragg and Kim do not overcome these deficiencies, and are not relied upon to do so.

New independent claim 27 is patentable over the cited references at least for similar reasons as discussed with respect to claim 23.

Dependent claims 24-26 and 28-31 are patentable over the cited references at least due to their dependence from the respective independent claims.

Accordingly, allowance of claims 23-31 is requested.

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

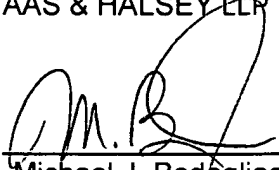
Serial No. 10/623,586

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 4-29-10

By: 
Michael J. Badagliacca
Registration No. 39,099

1201 New York Avenue, N.W., 7th Floor
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501